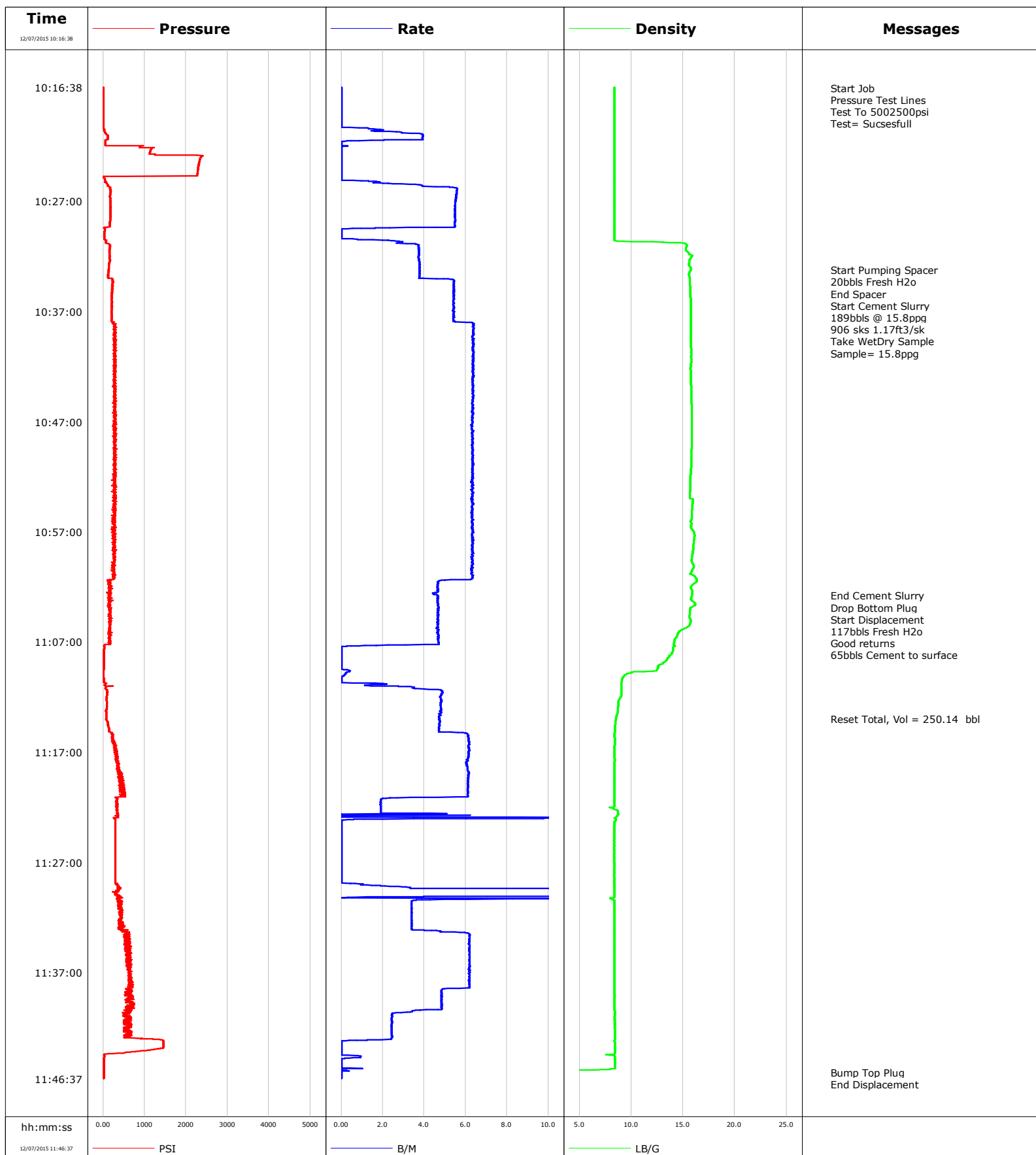


Well Fairview 4
Field DJ
Engineer
Country United States

Client Extraction
SIR No. CWJN-01532
Job Type Surface
Job Date 12-07-2015

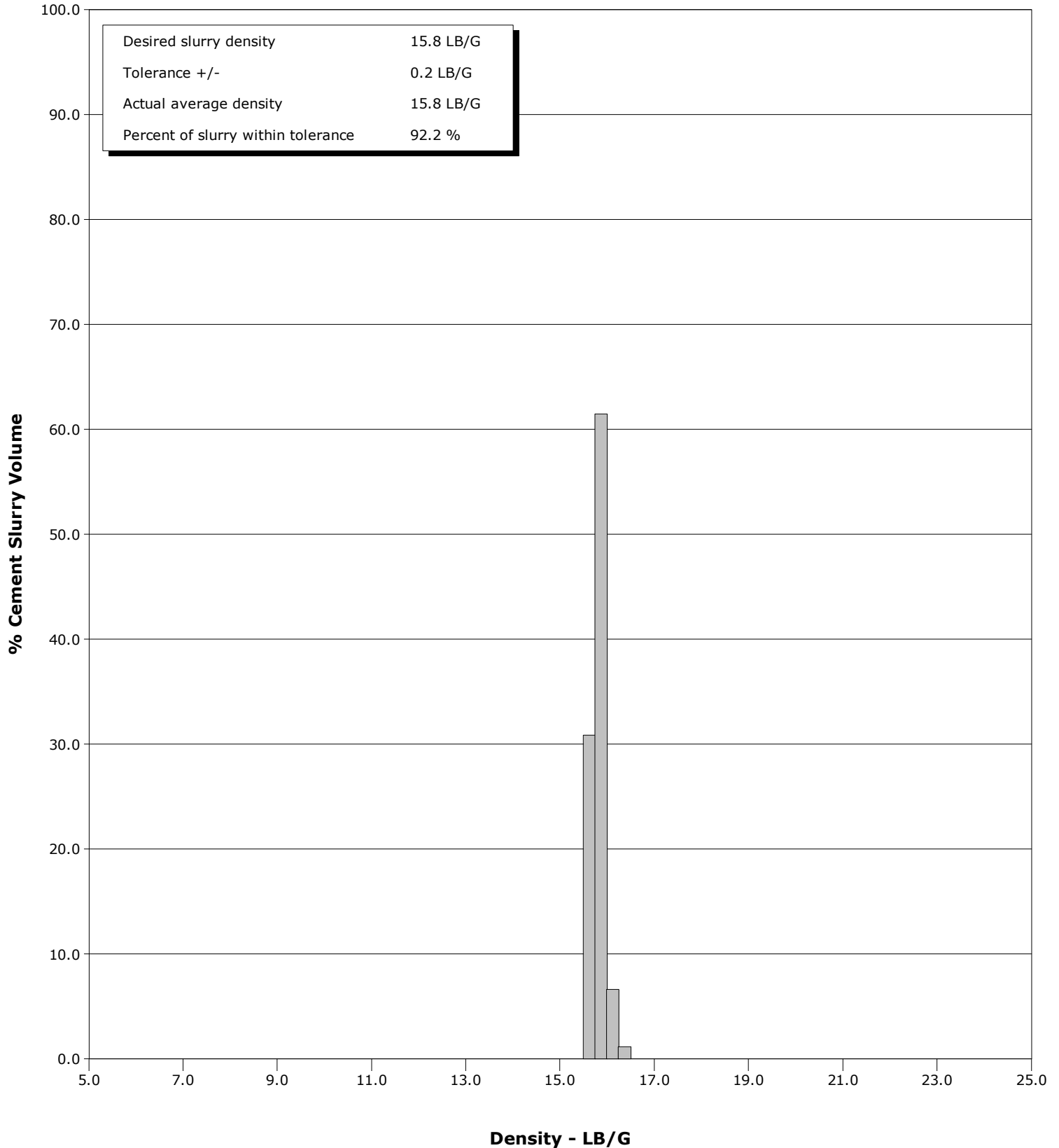


Schlumberger Cementing Qa/Qc Density Report

Well Fairview 4
Field DJ
Engineer
Country United States

Client Extraction
SIR No. CWJN-01532
Job Type Surface
Job Date 12-07-2015

Cement Slurry - 12/07/2015 10:33:47 to 12/07/2015 11:02:45



Well			Field		Job Start		Customer		Job Number	
Fairview 4 4			DJ		Dec/07/2015		Exraction		2231961	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/07/2015	10:23:00	2358	0.0	8.36	3.5					
12/07/2015	10:23:30	2313	0.0	8.36	3.5					
12/07/2015	10:24:00	2291	0.0	8.36	3.5					
12/07/2015	10:24:30	2273	0.0	8.36	3.5					
12/07/2015	10:25:00	40	0.0	8.36	3.5					
12/07/2015	10:25:30	115	3.7	8.36	4.3					
12/07/2015	10:26:00	175	5.6	8.36	6.8					
12/07/2015	10:26:30	165	5.5	8.36	9.6					
12/07/2015	10:27:00	177	5.5	8.36	12.3					
12/07/2015	10:27:30	175	5.5	8.36	15.1					
12/07/2015	10:28:00	177	5.5	8.36	17.8					
12/07/2015	10:28:30	177	5.5	8.36	20.6					
12/07/2015	10:29:00	158	5.5	8.36	23.3					
12/07/2015	10:29:30	39	0.2	8.36	25.5					
12/07/2015	10:30:00	30	0.0	8.35	25.5					
12/07/2015	10:30:30	61	1.5	8.36	25.6					
12/07/2015	10:31:00	164	3.7	15.35	27.1					
12/07/2015	10:31:30	148	3.7	15.32	29.0					
12/07/2015	10:32:00	161	3.7	15.85	30.9					
12/07/2015	10:32:30	159	3.8	15.61	32.7					
12/07/2015	10:33:00	138	3.8	15.72	34.6					
12/07/2015	10:33:14					Start Pumping Spacer				
12/07/2015	10:33:14	135	3.8	15.74	35.5					
12/07/2015	10:33:17					20bbls Fresh H2o				
12/07/2015	10:33:17	129	3.8	15.70	35.7					
12/07/2015	10:33:19					End Spacer				
12/07/2015	10:33:19	141	3.8	15.69	35.8					
12/07/2015	10:33:30	120	3.8	15.59	36.5					
12/07/2015	10:33:47					Start Cement Slurry				
12/07/2015	10:33:47	120	3.8	15.59	37.6					
12/07/2015	10:33:48					189bbls @ 15.8ppg				
12/07/2015	10:33:48					906 sks 1.17ft3/sk				
12/07/2015	10:33:48	120	3.8	15.60	37.6					
12/07/2015	10:33:49					Take WetDry Sample				
12/07/2015	10:33:49					Sample= 15.8ppg				
12/07/2015	10:33:49	114	3.8	15.60	37.7					
12/07/2015	10:34:00	227	3.9	15.63	38.4					
12/07/2015	10:34:30	236	5.4	15.65	41.1					
12/07/2015	10:35:00	221	5.4	15.68	43.8					
12/07/2015	10:35:30	201	5.4	15.71	46.5					
12/07/2015	10:36:00	207	5.4	15.72	49.2					
12/07/2015	10:36:30	215	5.4	15.72	51.9					
12/07/2015	10:37:00	215	5.4	15.73	54.6					
12/07/2015	10:37:30	218	5.4	15.74	57.3					
12/07/2015	10:38:00	231	6.3	15.75	60.1					
12/07/2015	10:38:30	291	6.4	15.75	63.3					
12/07/2015	10:39:00	278	6.4	15.75	66.4					
12/07/2015	10:39:30	276	6.3	15.74	69.6					
12/07/2015	10:40:00	307	6.4	15.76	72.8					
12/07/2015	10:40:30	251	6.4	15.77	76.0					
12/07/2015	10:41:00	288	6.4	15.77	79.2					
12/07/2015	10:41:30	271	6.3	15.78	82.3					
12/07/2015	10:42:00	292	6.4	15.73	85.5					
12/07/2015	10:42:30	270	6.3	15.73	88.7					

Well			Field		Job Start	Customer		Job Number
Fairview 4 4			DJ		Dec/07/2015	Exraction		2231961
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/07/2015	10:43:30	284	6.3	15.76	95.0			
12/07/2015	10:44:00	266	6.3	15.77	98.2			
12/07/2015	10:44:30	299	6.3	15.79	101.4			
12/07/2015	10:45:00	268	6.3	15.81	104.6			
12/07/2015	10:45:30	272	6.4	15.82	107.7			
12/07/2015	10:46:00	303	6.3	15.82	110.9			
12/07/2015	10:46:30	267	6.3	15.82	114.1			
12/07/2015	10:47:00	253	6.3	15.82	117.2			
12/07/2015	10:47:30	254	6.3	15.83	120.4			
12/07/2015	10:48:00	303	6.3	15.83	123.6			
12/07/2015	10:48:30	259	6.4	15.83	126.7			
12/07/2015	10:49:30	328	6.3	15.81	133.0			
12/07/2015	10:50:00	275	6.3	15.81	136.2			
12/07/2015	10:50:30	270	6.3	15.81	139.4			
12/07/2015	10:51:00	287	6.3	15.78	142.6			
12/07/2015	10:51:30	259	6.3	15.74	145.7			
12/07/2015	10:52:00	303	6.3	15.69	148.9			
12/07/2015	10:52:30	277	6.3	15.71	152.0			
12/07/2015	10:53:00	272	6.3	15.68	155.2			
12/07/2015	10:53:30	278	6.4	15.66	158.4			
12/07/2015	10:54:00	319	6.3	15.91	161.5			
12/07/2015	10:54:30	257	6.4	15.91	164.7			
12/07/2015	10:55:00	297	6.4	15.87	167.8			
12/07/2015	10:55:30	209	6.3	15.85	171.0			
12/07/2015	10:56:00	292	6.3	15.71	174.2			
12/07/2015	10:56:30	280	6.3	15.77	177.3			
12/07/2015	10:57:00	263	6.4	16.04	180.5			
12/07/2015	10:57:30	278	6.3	16.09	183.7			
12/07/2015	10:58:00	273	6.3	16.02	186.8			
12/07/2015	10:58:30	282	6.3	15.98	190.0			
12/07/2015	10:59:00	253	6.3	15.91	193.2			
12/07/2015	10:59:30	253	6.3	15.81	196.3			
12/07/2015	11:00:00	229	6.3	15.99	199.5			
12/07/2015	11:00:30	273	6.3	15.86	202.6			
12/07/2015	11:01:00	264	6.3	16.10	205.8			
12/07/2015	11:01:30	166	4.7	16.32	208.7			
12/07/2015	11:02:00	192	4.6	15.76	211.0			
12/07/2015	11:02:30	90	4.6	15.88	213.3			
12/07/2015	11:02:45					End Cement Slurry		
12/07/2015	11:02:45	153	4.7	15.85	214.5			
12/07/2015	11:02:47					Drop Bottom Plug		
12/07/2015	11:02:47	181	4.7	15.85	214.6			
12/07/2015	11:02:55					Start Displacement		
12/07/2015	11:02:55	157	4.7	15.78	215.2			
12/07/2015	11:02:56					117bbls Fresh H2o		
12/07/2015	11:02:56					Good returns		
12/07/2015	11:02:56					65bbls Cement to surface		
12/07/2015	11:02:56	157	4.7	15.76	215.3			
12/07/2015	11:03:00	212	4.7	15.79	215.6			
12/07/2015	11:03:30	166	4.7	16.19	218.0			
12/07/2015	11:04:00	165	4.7	15.70	220.3			
12/07/2015	11:04:30	166	4.7	15.63	222.6			
12/07/2015	11:05:00	152	4.7	15.74	225.0			
12/07/2015	11:05:30	162	4.7	15.60	227.3			

Well			Field		Job Start	Customer		Job Number
Fairview 4 4			DJ		Dec/07/2015	Exraction		2231961
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/07/2015	11:06:30	168	4.7	14.40	232.0			
12/07/2015	11:07:00	171	4.7	14.15	234.3			
12/07/2015	11:07:30	27	0.0	14.03	235.6			
12/07/2015	11:08:00	21	0.0	13.93	235.6			
12/07/2015	11:08:30	20	0.0	13.49	235.6			
12/07/2015	11:09:00	21	0.0	12.91	235.6			
12/07/2015	11:09:30	12	0.2	12.49	235.6			
12/07/2015	11:10:00	10	0.1	9.38	235.8			
12/07/2015	11:10:30	21	0.0	9.08	235.8			
12/07/2015	11:11:00	245	2.8	9.06	236.3			
12/07/2015	11:11:30	105	4.9	9.04	238.3			
12/07/2015	11:12:00	85	4.8	8.96	240.7			
12/07/2015	11:12:30	90	4.8	8.75	243.1			
12/07/2015	11:13:00	89	4.8	8.73	245.5			
12/07/2015	11:13:30	78	4.7	8.65	247.9			
12/07/2015	11:13:58					Reset Total, Vol = 250.14 bbl		
12/07/2015	11:13:58	73	4.7	8.52	250.1			
12/07/2015	11:14:00	74	4.7	8.52	250.3			
12/07/2015	11:14:30	121	4.7	8.45	252.7			
12/07/2015	11:15:00	144	4.7	8.41	255.0			
12/07/2015	11:15:30	238	6.1	8.39	257.8			
12/07/2015	11:16:00	214	6.1	8.41	260.9			
12/07/2015	11:16:30	285	6.1	8.38	264.0			
12/07/2015	11:17:00	305	6.1	8.37	267.0			
12/07/2015	11:17:30	350	6.1	8.38	270.1			
12/07/2015	11:18:00	332	6.0	8.38	273.1			
12/07/2015	11:18:30	354	6.1	8.38	276.2			
12/07/2015	11:19:00	402	6.1	8.37	279.2			
12/07/2015	11:19:30	425	6.1	8.39	282.3			
12/07/2015	11:20:00	431	6.1	8.39	285.4			
12/07/2015	11:20:30	459	6.1	8.39	288.4			
12/07/2015	11:21:00	458	6.1	8.39	291.5			
12/07/2015	11:21:30	351	1.9	8.36	292.8			
12/07/2015	11:22:00	356	1.9	7.88	293.8			
12/07/2015	11:22:30	351	1.9	8.75	294.7			
12/07/2015	11:23:00	270	9.8	8.45	296.5			
12/07/2015	11:23:30	294	0.0	8.37	296.8			
12/07/2015	11:24:00	294	0.0	8.36	296.8			
12/07/2015	11:24:30	293	0.0	8.35	296.8			
12/07/2015	11:25:00	294	0.0	8.35	296.8			
12/07/2015	11:25:30	292	0.0	8.36	296.8			
12/07/2015	11:26:00	292	0.0	8.37	296.8			
12/07/2015	11:26:30	291	0.0	8.36	296.8			
12/07/2015	11:27:00	290	0.0	8.37	296.8			
12/07/2015	11:27:30	290	0.0	8.38	296.8			
12/07/2015	11:28:00	291	0.0	8.34	296.8			
12/07/2015	11:28:30	289	0.0	8.38	296.8			
12/07/2015	11:29:00	311	0.9	8.38	296.9			
12/07/2015	11:29:30	347	20.1	8.39	300.3			
12/07/2015	11:30:00	373	20.6	8.39	310.4			
12/07/2015	11:30:30	340	3.4	8.39	313.6			
12/07/2015	11:31:00	432	3.4	8.39	315.3			
12/07/2015	11:31:30	375	3.4	8.39	317.0			
12/07/2015	11:32:00	436	3.4	8.39	318.7			

Well			Field		Job Start		Customer		Job Number	
Fairview 4 4			DJ		Dec/07/2015		Exraction		2231961	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/07/2015	11:33:00	363	3.4	8.39	322.1					
12/07/2015	11:33:30	604	6.2	8.39	324.5					
12/07/2015	11:34:00	622	6.2	8.39	327.6					
12/07/2015	11:34:30	653	6.2	8.39	330.7					
12/07/2015	11:35:00	658	6.2	8.39	333.8					
12/07/2015	11:35:30	651	6.2	8.39	336.9					
12/07/2015	11:36:00	624	6.2	8.39	340.0					
12/07/2015	11:36:30	688	6.2	8.39	343.1					
12/07/2015	11:37:00	651	6.2	8.40	346.2					
12/07/2015	11:37:30	699	6.2	8.40	349.2					
12/07/2015	11:38:00	625	6.2	8.40	352.3					
12/07/2015	11:38:30	702	4.9	8.40	355.3					
12/07/2015	11:39:00	523	4.8	8.40	357.7					
12/07/2015	11:39:30	581	4.8	8.40	360.1					
12/07/2015	11:40:00	639	4.8	8.40	362.6					
12/07/2015	11:40:30	559	3.4	8.40	364.8					
12/07/2015	11:41:00	682	2.4	8.40	366.1					
12/07/2015	11:41:30	501	2.5	8.40	367.4					
12/07/2015	11:42:00	553	2.4	8.40	368.6					
12/07/2015	11:42:30	690	2.4	8.40	369.8					
12/07/2015	11:43:00	1044	2.4	8.40	371.0					
12/07/2015	11:43:30	1453	0.0	8.40	371.3					
12/07/2015	11:44:00	1161	0.0	8.40	371.3					
12/07/2015	11:44:30	29	0.3	8.19	371.3					
12/07/2015	11:45:00	22	0.0	8.41	371.5					
12/07/2015	11:45:30	21	0.0	8.41	371.5					
12/07/2015	11:46:00	21	0.0	0.01	371.5					
12/07/2015	11:46:04					Bump Top Plug				
12/07/2015	11:46:04	21	0.0	0.01	371.5					
12/07/2015	11:46:05					End Displacement				
12/07/2015	11:46:05	21	0.0	0.01	371.5					

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface? <input type="checkbox"/>		Volume
						Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>
Shawn Mcitire			Jason Crick/Tayler Baird			-		-